

**ABSTRACT**

An aerosolization apparatus comprises a housing defining a chamber having a plurality of air inlets. The chamber contains an aerosolizable pharmaceutical formulation or is sized to receive a receptacle which contains an aerosolizable pharmaceutical formulation. A shield covers at least one of the air inlets or a portion of at least one of the air inlets. The shield prevents blockage of the air inlet by a user grasping the apparatus and inadvertently covering the air inlet. An end section is associated with the housing. The end section is sized and shaped to be received in a user's mouth or nose so that the user may inhale through the end section to inhale aerosolized pharmaceutical formulation that has exited the receptacle.

10

15